Products Made From Wood

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List created July, 2002 from a number of other lists, with additions.  
Corrections and Additions will be welcomed! (tconners@uky.edu)

Solid Wood Products
Lumber and plywood to build new homes
Doors
Window frames and sills
Flooring
I-joists
LVL (laminated veneer lumber)
Parallel strand lumber
Finger-jointed lumber
Machine stress-rated lumber
Coat racks
Furniture
  Dining room tables
  Upholstered furniture frames
  Rocking chairs
  End tables
  Coffee tables
  Beds
  Bookcases
  Nightstands
  Bureaus
Landscape timbers
Highway guard rails
Snowshoes
Toothpicks
Match sticks
Chopsticks
Shutters
Baseball bats
Canoe paddles and oars
Musical instruments:
  Guitars
  Pianos
  Organs and organ pedals
  Oboes
  Bagpipes
  Banjos
  Clarinets
  Flutes/Fifes
  Mandolins
  String bass
  Violins
  Violin bows
  Cellos
  Bassoons
  Drums
Drum Sticks
Tambourines
Wood blocks
Speaker cabinets
Amplifier cabinets
Metronomes
Xylophones
Harmonicas
Stage flooring
Sandboxes and Backyard play sets
Charcoal
Tool handles
Toilet plungers
Medicine cabinets
Parallel bars
Vineyard stakes
Toys such as wooden blocks
Rulers
Birdhouses
Fencing, fence posts and rails
Firewood
Fishing boats
Ladders
Hockey sticks
Dog houses
Pallets
Particleboard
Medium density fiberboard (MDF) (used in kitchen cabinets and furniture panels, for example)
Hardboard
Garage doors
Gazebos
Hot tubs and spas
Lath
Trellises
Kitchen utensils
Pencils
Ping Pong paddles
Golf tees
Animal bedding
Railroad ties
Seesaws
Model airplanes
Coffins
Brush handles
Cable reels
Canes
Cedar chests
Cedar closet lining
Activated charcoal
Church pews and altars
Closet rods
Barrels
Crutches
Desks
Docks
Decks
Kitchen cabinets
Ferryboats
Gazebos
Grandfather clocks
Stair rails
Truck and trailer flooring
Mouldings and baseboards
Paneling
Picnic tables
Pilings for building construction
Popsicle sticks
Porch swings
Produce crates and boxes
Propeller shaft bearings for ships
Rocking horses
Rowboats
Shingles
House siding
Putty-type of wood filler
Tongue depressors
Totem poles
Sleds
Salad bowls and serving ware
Television poles
Wheelbarrow handles
Wood carvings
Wooden nickels
Pegboard
Ship masts and yardarms
Toilet seats
Piano keys (wooden)
Rolling pins
Knife handles
Childrenís puzzles
Work benches
Toboggans
Bookcases
Park benches
Gun racks and cabinets
Billboards
Snow fences
trellises
Parallel bars
Log houses
Bowling alley lanes
Bowling pins
Railroad crossing gates
Rural bridges
Tent poles
Hurdles
Lobster pots and floats
Wooden matches
Parts of snowboards, skis
and skateboards
Ventriloquist dummies
Name tags
Flagpoles (for smaller flags)
Cribs
Police batons
Planters
Dowels
Scaffold planks
Concrete forms
Glu-lam beams (used to
create long open
spaces, as in
churches)
Excelsior
Veneer
Bushel baskets
Pants hangers
Kitchen counters
Woodcut artwork
Merry-go-Round horses
Birdhouses
Snowshoes
Woodworking clamps
Spinning wheels
Baskets
Novelties such as Nutcrackers
Checker sets
Jewelry boxes
Foundry patterns
Crates
Garage doors
Theatre scenery
Gunstocks
Beehives
Mallets
Butcher blocks
Organ pipes
Crucifixes
Drafting tables
Ballot boxes
doll houses
test tube racks
Wine racks
Handrails
Stake-body truck sides
Gerbil chew sticks (balsa wood)
Yo-yos
dice
Silverware chests
Venetian blinds
Billiard cue sticks
Fuel for meat smokers
Spices and flavorings
allspice
Anatto
Bay leaves
Cinnamon
Cloves
FilÈ (Sassafras leaves, used to
thicken gumbos)
Juniper berries (gin flavoring)
Mace
Nutmeg
Orange blossoms (flavored
water)
Chips for smoking meat
Sassafras oil is used as a soap
perfume
Logs provide nutrients for shiitake
mushrooms
Cutting boards
Model airplanes
iBiscuitsi for wood joining
Products that Used to be Made
From Wood
(Some of these may still be made from
wood for specialty products.)
Water pipes
Bocce balls
Tennis rackets
Car dashboards
Golf clubs
Conestoga wagons
Clocks and clock gears
Waterwheels
Printing press type
Printing presses
Deckle boxes (frames used to make paper
by hand)
Paper presses (to squeeze the water out
of handmade paper)
Woodworking planes
Cigar store Indians
Weaving shuttles and bobbins
Wooden shoes
Bows and arrows
Wooden wheels for automobiles and
wagons
Pull toys
Sextants
Street paving blocks
Rocking horses
Fun house barrels
Fishing lures
Storage battery separators (hard rubber)
Water tanks
Wardrobes/armoires
Model iT coil boxes
Automobile chassis
Ironing boards
Treenails
Post and beam timber framing
Cabinets for Analytical balances
Shoe lasts
Radio, television and phonograph/stereo
cabinets
Butter churns
Harpsichords
Railroad cars
Aircraft propellers and airframes
Minesweeper boats, PT boats
Silos
Fermentation vats
Cigar boxes
Racing shells (one to eight-man rowed
boats)
Wringer{s} for washing machines
Telephones
Wood creosote used to be used as a
laxative, a disinfectant and a cough
treatment (rarely used nowadays).
Woodworking tools
Planes
Carpenter levels
Carpenter rules
Tool chests
Gear shift knobs
Batter molds
Slide rules
Phonographs
Bicycles
Travelerís writing desks
Cigar molds
Artistís pallets
Washboards
Skis
Water well structures
Water pump enclosures
Wheel chairs
Candlesticks
Warships
Wardrobe trunks
Maple syrup buckets
Abacus
Pulleys
Gallows
Milking stools
Insulator pins
Plates and bowls
Artificial limbs
Sled runners
Iceboxes and refrigerators
Gutters
Spruce gum was used for chewing gum
Sassafras tea
Canoes
Automobile tires (used rayon as reinforcing cord)
Shoe pegs (used to fasten shoe soles to the leather uppers)
Dragon’s blood (from fruit of Asian tree) was used in the manufacture of varnishes and lacquers
Dyestuffs (prior to invention of synthetic dyes)
Canada balsam (tree resin) was used to make microscope slides
Quinine came from the bark of the Cinchona tree
Willow bark provided the original source of aspirin-like compounds
Cork used to be the gasket material lining bottle caps
Rubber used to be used to waterproof raincoats
Molded wooden figurines
Typewriter keys (Celluloid)
Red elm inner bark used to be steeped in water to obtain a remedy for sore throats
Hickory was a part of the Wright brothers’ airplanes
Cylinder phonograph records used to be made from Carnauba wax because it is so hard
Tool handles were made from celluloid as recently as World War II.
Piano keys were once made from celluloid as an ivory substitute.

Things Made from Wood that Formerly Were Made from Something Else

Paper (used to be made from cotton and linen rags)

Non-Wood/Non-Paper Products

Shade!

Nuts

Cola nuts (Coca-Cola etc.)
Almonds
Brazil nuts
Cashews
Hazelnuts
Pistachios
Walnuts
Pecans
Hickory nuts
Chestnuts
Pine nuts
Acorns (decorative uses)

Fruits

Apples
Avocados
Coffee
Peaches

Orange
Lemons
Limes
Bananas
Pears
Tangerines
Coconuts
Dates
Grapefruit
Olives and olive oil
Plums
Figs

Fruit juices
Carob (a cocoa substitute)
Cider
Mistletoe (grows as a symbiand on trees)
Eucalyptus leaves (floral component, also used for fragrance)
Carnauba wax (from the leaves of the carnauba palm tree grown in Brazil). Used in:

Shoe polish
Lipsticks
Automotive waxes
Furniture polish
Applied to produce to make it look appealing in supermarkets.

Products from Wood Sap or Extractives:

Citrus cleaners (oils)
Lime scent for aftershave
Sandalwood fragrance for soap and incense
Maple syrup
Rubber
Rubber products
Golf balls
Tires
Marine and underwater cable insulation
Adhesives
Combs (hard rubber)
Latex gloves and other barrier-type of medical products
Rubber belts
Rubber hoses
Gaskets
Shoe soles
Rubber boots
Rubber balls
Turpentine (most of it comes from wood pulping operations)
Rosin
Pine needle extract (an anti-inflammatory)
Rosewood oil (various medicinal uses)
Taxol (anti-cancer drug)
Frankincense
Myrrh

Tea tree oil (antibiotic and antifungal oil)
Benzoic gum
Gum Arabic
Corks (the primary use for cork: ~17 billion sold each year, compared to 400 million for plastic stoppers (2001 statistics))

Other cork products

Coasters
Flooring
Dartboards
Wall and ceiling tiles
Sanding blocks
Corkboards
Expansion joint filler
Insulation corkboard
Fishing buoys and floats
Cork washers
Hot pads
Musical instrument parts (e.g., stoppers for organ pipes)
Laboratory rings for glassware
Bathmats (made of granulated cork)
iPeas for whistles
Cricket balls
Corks for pop guns
Foosball (table football) balls
Hockey balls
Baseballs
Faceings for some ping pong paddles
Cork shoe soles
Roofing

Products that Used to be Made From Cork

(Some of these may still be made as specialty products.)

Bottle caps gaskets for carbonated beverages
Life jackets (until 1857 ñ now mostly polystyrene)
Life preservers (polystyrene now)
Fishing rod handles (now mostly HypalonÆ)
Sheet insulation (e.g., for refrigerators)
Rocket nosecones (a cork-ceramic composite)

Paper and Fluff Products

Computer and copy paper
Book paper
Book marks
Envelopes
Checkbooks
Bulk mail
Bills
Instruction manuals
Packaging cards for blister-packed products
Calendars
Diplomas and Certificates
Report cards
Lamp shades
Book covers
Concert posters
Identification badges
Newsletters
Recipe cards
Salt boxes
Sugar and flour bags
Can labels (except for tomato cans for some unknown reason!)
Bottle and jar labels
Cereal boxes
Shell labels in grocery stores
Adhesive-backed labels
Receipts
Menus
Poster board
Baking cups
Coupons
US currency is not made from wood pulp—it is made from cotton and flax fibers
Coffee filters
Facial and bath tissue
Packaging for facial and bath tissue (the boxes and wrappers)
Napkins
Sanitary and surgical absorbent products
Disposable diapers
Kites
Catalogs
Game boards
Masking tape
Crepe paper
Birthday and Christmas wrapping paper
Stickers
Coloring books
Flashlight battery labels
Paper dolls
Baseball cards
Tracing paper
Election ballots
Milk cartons
Egg cartons
Postage stamps
Paper towels
Playing cards
Building insulation, loose and in panel form
Grocery Bags
Paper Cups
File Folders
Post-It Notes/E
CD labels
DVD and VCR tape packaging
Magazines
Magazine card inserts
Postcards
Maps
Fast food packaging
Frozen food boxes
Construction paper
Kraft paper (wrapping paper)
Multi-wall sacks for birdseed and pet foods
Price tags
Sandpaper
Seed starter blocks
Loudspeaker cones
Origami paper
Tea bags are usually not made from wood pulp—they are mostly made from abaca, also known as Manila hemp
Tea bag labels are made of wood-based paper
Cigarette papers and vacuum cleaner bags are made from hemp or flax fiber!
Bible paper
Wallpaper
Tubes for bathroom tissue and paper towels
Artificial snow (paper snow)
Wax paper
Confetti
Admixture with sprayed-on grass seed
Food additive (non-digestible cellulose dietary fiber). Used in diet drink products, food texture enhancer. (In the late 1970s, a diet bread used cellulose fiber from wood as one of its ingredients.)
Butcher paper
Musical instrument cases (icardboardi type, as for guitars)
Phone books
Photographs
Newspapers
Tickets
Business cards
Rooftop felt
Ice cream containers
Pizza boxes
Disposable tablecloths
Retail software boxes
Corrugated cartons
Ceiling tiles
Absorbent socks for oil spills
Absorbent liners for supermarket meat trays
Stationery and notebook paper
NCR (no carbon required) paper
Tax forms
Marriage licenses, birth and death certificates and other civil documents
Racing forms
Programs for sporting events
Fiber filler for plastics:
Tool handles
Football helmets
Buttons
Eyeglass frames
Ball point pens
Electronics cases (televisions, calculators, computers)
Loudspeakers
Automobile parts (e.g., door panels)
Packaging
Trays
Thermoformed products like gun cases
Marine/Trailer flooring
Wood-plastic composite lumber:
Garden benches
Picnic tables
Planters
Fencing
Decking
Signs
Parking stops for parking lots
Spare tire covers
Melamine paper-faced board

**Things that Formerly Were Made from Wood-based Paper**

Oil cans
Candy bar wrappers
Grocery bags (some still are made from paper!)
Library catalog cards (supplanted by computer files)
Drinking straws
Shotgun cartridges
Carbon paper
Bumper stickers (now made out of vinyl except for the peel-off paper on the backside)
Computer cards (now entirely electronic!)

**Products Made from Wood-Derived Chemicals**

(Processed products, not oils or latex, etc. Some cellulose products may derive from other cellulose sources such as cotton linters, depending on economics and manufacturer.)

Textiles (Rayon, Tencelô)
Cellulose acetate (wrapping and photographic film)
Cellulose nitrate (former composition of movie film, except that it was very flammable and unstable with age)
Celluloid (rarely produced nowadays, except for guitar picks and pick guards, fountain pens, accordion cases and ping-pong balls. Formerly used for costume jewelry, clocks, etc.)
Cellulose acetate and cellulose nitrate are both used in adhesives and lacquers.
CMC (carboxymethyl cellulose) is used as a food thickener and texturizer for products such as ketchup and ice cream (depending on manufacturer); also used to stabilize oil well drilling muds.

Cellulose-based pill fillers
Cellophane (wrapping material, also used for Easter basket grass!)
Toothpaste additives (e.g., cellulose gum)
Plastic (by-product of Kraft process pulping)
Hard hats and sports helmets
Cigarette filters (cellulose acetate fibers)
Cellulose industrial filters
Sausage casings
Cellulose sponges (Artificial vanilla flavoring (by-product of Kraft process pulping))
Cleaning compounds
Chewing gum is a combination of natural rubber (especially chicle, from the Sapodilla trees from Central and South America) with some synthetic latexes to extend the natural latex supply. Other wood chemicals such as rosin esters and terpenes are also common ingredients.

Additive to unfired ceramics to give them strength
Fungicides
Hair spray
Cosmetics including thickeners such as methyl cellulose and methylhydroxyethylcellulose
Methanol (used in colognes, solvents)
Torula yeast (a food supplement) is grown on wood sugars and wood mineral nutrients leftover from pulping operations. This is used in baby foods, imitation bacon, cereals, baked goods, etc.
Tannin (used in natural tanning process, less common than formerly)
Carnauba wax is commonly used as a pill coating.
Liquid Smoke®
Linoleum (oxidized linseed oil mixed with pine resin and wood flour)
Acetic acid (produced by distillation of wood)
Biofuels from wood distillation
Liquid nail polish
Shaving cream (tea tree oil, camphor, etc., varies by manufacturer)
Suntan lotion (e.g., almond oil (emollient); clove bud oil (scent); cocoa butter (emollient))
Ink (incorporate tall oil rosins from hard pines)

Tall oil fatty acids and derivatives are used as:
PVC stabilizers
Synthetic lubricants
Polyamides
Corrosion inhibitors
Soaps
Detergents
Emulsifiers
Rubber processing additives
Asphalt additives
Concrete additives
Epoxy additives
Plasticizers
Metalworking chemicals
Oil field chemicals
Rosin-based adhesive products
Also, see the list of products from Extractives (above)

To grow a pound of wood, a tree uses 1.47 pounds of carbon dioxide and gives off 1.07 pounds of oxygen.
The following information is copied from the website of the Temperate Forest Foundation (http://www.forestinfo.org/Discover/facts.html#Recycling):

∑ In 1995, some 1.6 billion seedlings were planted in the U.S. - more than 5 new trees a year for every American.†
Millions of additional trees were naturally reforested.

∑ Private owners account for 59% of the nationís 490 million acres of commercial forestland; government owns 27%; and the forest industry owns 14%.

∑ Each person in the United States consumes approximately 675 pounds of paper a year.

∑ On the average, everyone uses the equivalent of a tree, 18 inches in diameter - 100 foot tall, every year. Thatís 80 cubic feet!

The United States is a wood-rich country; people in the United States (on average) use about three times as much wood each day as people in the rest of the world. One of the most common uses for wood around the world is for fuel!

And finally, a surprise for (almost) all Kentuckians:

3M Corporationís popular product, Post-It Notes, are manufactured exclusively in Cynthiana, (Harrison County), Kentucky!

(T. Conners 07/02)

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